

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Original) A method comprising:
stalling an attempt to reference an object; and
determining whether an attempter that originated said attempt is authorized to access said object, wherein upon a determination that said attempter is authorized to access said object, said method further comprising saving at least part of said object.
2. (Original) The method of Claim 1 wherein upon a determination that said attempter is authorized to access said object, said method further comprising releasing said attempt.
3. (Original) The method of Claim 2 wherein upon said releasing said attempt, said method further comprising determining if access is granted using an access control list.
4. (Original) The method of Claim 2 wherein upon said releasing said attempt an ObReferenceObjectByHandle() function is invoked.
5. (Original) The method of Claim 1 wherein upon a determination that said attempter is not authorized to access said object, said method further comprising denying said attempt.
6. (Original) The method of Claim 1 further comprising hooking object functionality.

7. (Original) The method of Claim 6 wherein said object functionality comprises functionality associated with creating, modifying, or closing said object.

8. (Original) The method of Claim 6 wherein said hooking object functionality comprises hooking a user mode library.

9. (Original) The method of Claim 6 wherein said hooking object functionality comprises hooking a system call table.

10. (Original) The method of Claim 6 wherein said hooking object functionality comprises hooking an object manager.

11. (Original) The method of Claim 6 wherein said hooking object functionality comprises hooking an ObReferenceObjectByHandle() function.

12. (Original) The method of Claim 6 wherein said hooking object functionality comprises hooking an ObDereferenceObject() function.

13. (Original) The method of Claim 6 wherein said hooking object functionality comprises hooking object type procedures.

14. (Original) The method of Claim 1 further comprising determining whether said attempt has occurred.

15. (Original) The method of Claim 1 further comprising stalling an attempt to release said object.

16. (Original) The method of Claim 15 further comprising determining whether said object has changed.

17. (Original) The method of Claim 16 wherein upon a determination that said object has not changed, said method further comprising releasing said attempt to release said object.

18. (Original) The method of Claim 16 wherein upon a determination that said object has changed, said method further comprising determining if said attempter is authorized to change said object.

19. (Original) The method of Claim 18 wherein upon a determination that said attempter is authorized to change said object, said method further comprising releasing said attempt to release said object.

20. (Original) The method of Claim 18 wherein upon a determination that said attempter is not authorized to change said object, said method further comprising restoring said object.

21. (Original) The method of Claim 20 wherein said restoring comprises replacing at least part of said object with a saved at least part of said object.

22. (Currently amended) ~~A method~~ The method of Claim 1 further comprising:

~~hooking object functionality;~~

stalling an attempt to release ~~an~~ said object originating from ~~an~~ said attempter;

determining that said object has been changed by said attempter;

determining that said attempter did not have authority to change said object;

restoring said object; and
releasing said attempt.

23. (Original) The method of Claim 22 wherein said attempter is a user of a computer system.

24. (Original) The method of Claim 22 wherein said attempter is a process on a computer system.

25. (Original) The method of Claim 24 wherein said process is a kernel mode process.

26-34. (Canceled)

35. (Original) A system comprising:
a means for stalling an attempt to reference an object;
a means for determining whether an attempter that originated said attempt is authorized to access said object;
and
a means for saving at least part of said object upon a determination that said attempter is authorized to access said object.

36. (Currently Amended) A computer-program product comprising a tangible computer-readable storage medium containing computer program code comprising:
a behavior blocking and monitoring application for stalling an attempt to reference an object; and
said behavior blocking and monitoring application further for determining whether an attempter that originated said attempt is authorized to access said object, wherein upon a determination that said attempter is authorized to access said object, said behavior blocking and monitoring application further for saving at least part of said object.

37. (Original) A computer system comprising:
a memory having stored therein a behavior blocking and monitoring application; and
a processor coupled to said memory, wherein execution of said behavior blocking and monitoring application generates a method comprising:
stalling an attempt to reference an object; and
determining whether an attempter that originated said attempt is authorized to access said object, wherein upon a determination that said attempter is authorized to access said object, said method further comprising saving at least part of said object.